Applicant: Hartmut Sauer Attorney's Docket No.: 15664-005US1 / 204/04007US

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) Use of an article whose surface exhibits a composite material in full or

in parts, the composite material consisting of a non-metallic substrate containing at least one

polymer, and a metallic layer present thereon and deposited without external current, having an

adhesive strength of at least 4 N/mm<sup>2</sup>, as decorative structural part.

2. (Original) Use according to claim 1 characterised in that the standard deviation of

the adhesive strength at six different measured value points distributed over the surface of the

composite material is maximum 25 % of the arithmetic mean.

3. (Currently Amended) Use according to claim 1 [[or 2]] characterised in that

the surface of the article is not chemically pretreated before the application of the a)

metallic layer deposited without electric current; and

the metallic layer is not applied by thermal spraying, CVD, PVD or laser b)

treatment.

4. (Currently Amended) Use according to claim 1 one of claims 1 to 3 characterised

in that the non-metallic substrate is the surface of the article.

5. (Currently Amended) Use according to claim 1 one of claims 1 to 3 characterised

in that the non-metallic substrate is not the surface of the article.

6. (Currently Amended) Use according to claim 1 one of the preceding claims

characterised in that the boundary present between the non-metallic substrate and the metallic

layer exhibits a roughness with an R<sub>z</sub> value of maximum 35 μm.

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7. (Currently Amended) Use according to claim 1 one of the preceding claims characterised in that the boundary present between the non-metallic substrate and the metallic layer exhibits a roughness with an  $R_a$  value of maximum 5  $\mu$ m.

- 8. (Currently Amended) Use according to <u>claim 1</u> one of the preceding claims characterised in that the non-metallic substrate contains at least one fibre-reinforced polymer, in particular a polymer reinforced with carbon fibre and the diameter of the fibre is less than 10 μm.
- 9. (Currently Amended) Use according to <u>claim 1</u> one of <u>claims 1 to 5</u> characterised in that the non-metallic substrate contains at least one fibre-reinforced polymer, in particular a polymer reinforced with glass fibre and the diameter of the fibre is more than 10 μm.
- 10. (Original) Use according to claim 9 characterised in that the boundary present between the non-metallic substrate and the metallic layer exhibits a roughness with an  $R_a$  value of maximum 10  $\mu$ m.
- 11. (Currently Amended) Use according to <u>claim 1</u> one of <u>claims 9</u> or 10 characterised in that the boundary present between the non-metallic substrate and the metallic layer exhibits a roughness with an  $R_z$  value of maximum 100  $\mu$ m.
- 12. (Currently Amended) Use according to <u>claim 1</u> one of preceding claims characterised in that the polymer is selected from the group of polyamide, polyvinyl chloride, polystyrene, epoxy resin, polyether ether ketone, polyoxymethylene, polyformaldehyde, polyacetal, polyurethane, polyether imide, polyphenyl sulphone, polyphenylene sulphide, polyarylamide, polycarbonate and polyimide.
- 13. (Original) Use according to claim 12 characterised in that the metallic layer exhibits an adhesive strength of at least 12 N/mm<sup>2</sup>
- 14. (Currently Amended) Use according to <u>claim 1</u> one of claims 1 to 11 characterised in that the non-metallic substrate is polypropylene or polytetrafluoroethylene.

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15. (Currently Amended) Use according to <u>claim 1</u> one of the preceding claims characterised in that the standard deviation of the adhesive strength amounts to maximum 25 %, in particular maximum 15 %, of the arithmetic mean.

- 16. (Currently Amended) Use according to <u>claim 1</u> one of the preceding claims characterised in that the metal layer deposited without electric current is a metal alloy or metal dispersion layer.
- 17. (Currently Amended) Use according to <u>claim 1</u> one of the preceding claims characterised in that the metal layer deposited without external current is a copper, nickel or gold layer.
- 18. (Currently Amended) Use according to <u>claim 1</u> one of the preceding claims characterised in that the metal dispersion layer deposited without external current is a copper, nickel or gold layer with embedded non-metallic particles.
- 19. (Original) Use according to claim 18 characterised in that the non-metallic particles exhibit a hardness of more than 1,500 HV and are selected from the group of silicon carbide, corundum, diamond and tetraboron carbide.
- 20. (Currently Amended) Use according to claim 18 [[or 19]] characterised in that the non-metallic particles exhibit friction-reducing properties and are selected from the group of polytetrafluoroethylene, molybdenum sulphide, cubic boron nitride and tin sulphide.
- 21. (Currently Amended) Use according to <u>claim 1</u> one of the preceding claims as casing, container, handle, cover, emblem, holder and decorative moulding.